

SYSTEM AND METHOD FOR A PAGE RENDERING FRAMEWORK

ABSTRACT OF THE DISCLOSURE

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Web application development typically requires a set of skills not normally possessed by typical application developers. Web application development typically employs specialized toolkits, applications, and languages. Efficient development of conventional web applications suggests extensive and thorough knowledge of web page delivery technologies such as HTML, Javascript, Java, Servlets, JSPs, and others. A rendering framework to define the static, cosmetic, “window dressing” type of content, replicated across multiple pages, in a single JSP template file which can then incorporate or include the dynamic, active content from other files, mitigates development inefficiencies. Such a rendering framework represents each screen output page by a file including the active content, while avoiding replication of the static content. Such inclusions may be nested in a hierarchical manner to enumerate the static content in one file and allow a web application to include active content according to a hierarchical inheritance. Metadata components, such as XML files, include the active content according to a predetermined declarative syntax, thereby facilitating implementation, which the framework then interprets into a resulting output page such as a JSP page.

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